



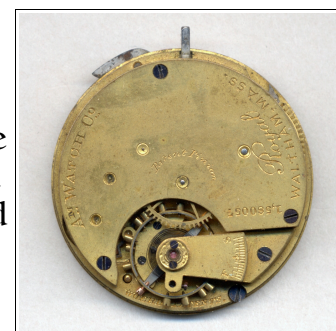
Emerging from the Shadows: The Waltham 6-size Model 1873M

An examination of the American Waltham Watch Company's variant of its 6-size Model 1873
rectifies an earlier mis-identification.

Emerging from the Shadows: The Waltham 6-size Model 1873M

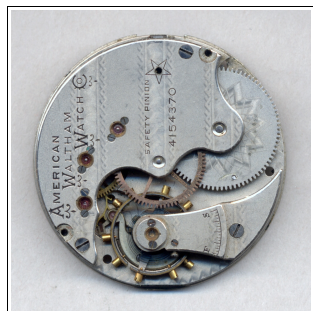
by Mark Lee

Circa 1900, the Waltham Watch Company began to standardize its practice of identifying watch movements by the year in which a mechanism's design was initiated. Similarly, top plate design became associated with specific model numbers. The caveat is that this practice could not be uniformly applied to movements designed and produced significantly before 1900. In the various Waltham parts lists, bridges and modified top plates are usually associated with their specific base models. An unfortunate exception to this practice, however, has led to the introduction of the new 1873M designation.¹



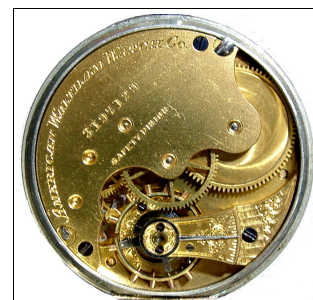
The original 8-size model 1873; s/n 1560057.

The original model 1873 was designed as an 8-size mechanism with a pivot lever set system. Re-engineered as a 6-size and altered to have a slide lever set system, the initial appearance of the true 6-size model from 02/01/1885 to 10/31/1886 (*not* an 8-size mechanism with plates machined down to 6-size proportions such as serial number 2016301 and others).²



The earliest production date of a model 1889 is 04/01/1889; and the lowest serial number serial number range began production on 06/01/1889.³

The photographed mechanism on the right, s/n 3197129, is *not* a model 1889. Produced between 12/01/1886 and 02/28/1887, the 3197129 mechanism was manufactured almost 2½ years prior to the first recorded production of the model 1889.⁴



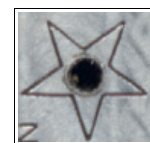
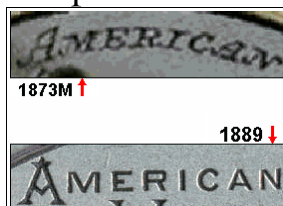
The 6-size model 1889; s/n 4154370.

The 6-size model 1873M; s/n 3197129.

Of primary importance is the escape wheel arbor shift which occurs between the production of the model 1873 and the production of the model 1889. The model 1873 and the 3197129 mechanism share the same layout. Produced *before* the model 1889 and equipped with a lever set system, the identity of the 3197129 mechanism is solidified as being a modification of the model 1873. The clarity of collecting identification requires a new label - 1873M.



There are two other minor differences between the model 1873M and the model 1889. The first difference is a font change used for the plate engraving. A comparison of enlarged engravings clearly shows the difference. The earlier model 1873 (top left) employs a script font and the later model 1889 (bottom left) uses a block font. The other difference is the location of the stem set-screw. On the model 1873M, the screw is on the stem sleeve. On the model 1889, the screw is on the main body of the mechanism and surrounded by an engraved star-shaped design (right). These minor differences do not affect the operation of the mechanism and the absence of either or both is not enough to identify an 1873M configuration. In fact, Waltham dispensed with the star-shaped design that surrounded the stem set-screw on later model 1889 mechanisms. Many grades and grade variations employed the model 1873 mechanism; however, not all of them used the 1873M configuration.⁵



Many serial number ranges have yielded examples of this modified mechanism (re.: the Appendix of Examples). Most of the examples occur in the 3,000,000 serial number block, but not all of them. Due to the large spread of serial number ranges possibly affected and the nebulous end date (re.: Appendix A), it is fair to suggest that this is not a scarce modification.

Mr. J. E. Brown indicates “The clearly stated purpose of the Serial Number list is for ordering watch parts. It was not intended by Waltham to be used as a search vehicle.”⁶ Yet, this is exactly the source of the identification ambiguity. By ignoring the technical data supplied in the Serial Number list, the modified model 1873 has been continuously mis-identified as a model 1889. The Serial Number list is *not* an infallible source, but its data and the purpose for which that data was recorded, cannot be ignored out-of-hand. The model information contained in the Serial Number list illustrates the erroneous result of using only the plate layout for identification. The new designation, 1873M, should be adapted to stem the spreading of this error and to provide an accurate identification of the mechanism for present and future collectors.

Endnotes

¹ None of the elements of the new 1873M designation have a complex meaning: 1873 for an accurate technical identification and “M” to simply identify its modified nature.

² The dates have been taken from The National Association of Watch and Clock Collectors' (NAWCC) on-line database which represents a combination of the handwritten Record of Watches Made by the American Watch Company ledgers and the Waltham publication titled Serial Numbers with Descriptions of Waltham Watch Movements (a.k.a. The Serial Number list, or the Gray Book). The serial number range that has been referenced is 2615057 – 2615100.

³ Reference note 2; the serial number ranges of model 1889 are 4047001 – 4049000 and 4044001 – 4046000.

⁴ Reference note 2; an element of the serial number range 3196001 – 3198000.



⁵ Similar mechanisms require close examination. The Appendix of Examples documents the use of the 1873M configuration in the construction of the American Watch Company, Royal, Seaside (versions C, D, E and F) and the William Ellery grades of the 6-size 1873 model. Two other grades of the 6-size 1873 model were produced (Lady Waltham and the G version of the Seaside) and their configuration provokes interest.

⁶ Brown, Joseph E. “Waltham Watch Movement Articles Flawed”, NAWCC Bulletin, vol. 46, issue 351, page 514.

Acknowledgments

My thanks are extended to these people who willingly offered their specialized knowledge, detailed photographs and vitally needed encouragement: Messrs. Joe Brown, Mark Cross, Tom Huber, Roy McCormick, Cort Moore, John Pavlik, Ron Price, Philip Priestley, Lindell Riddle, Jerry Treiman, and John Woolsey. Special thanks are due to Joe Brown whose technical expertise, broad knowledge of the field and patience have guided my inquiries; and to Jerry Treiman who, when my original image source failed, came to my assistance at a moment's notice with photographs of the original model 1873 and the model 1889 mechanisms.

Appendices:

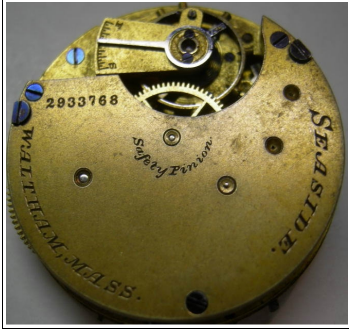
- a. The Heyday of the model 1873M.
- b. When is a model 1889 not a model 1889?
- c. Examples.

Appendix a: The Heyday of the model 1873M



Start Date

The establishment of either a stylistic feature's hypothetical start date or hypothetical end date is an exercise in deductive reasoning. This endeavor is no exception. Therefore, it must be borne in mind that any conclusions drawn here are theoretical and not *dictum*.



6-size 3/4 plate model 1873; 1873 becomes convoluted.
s/n 2933768.

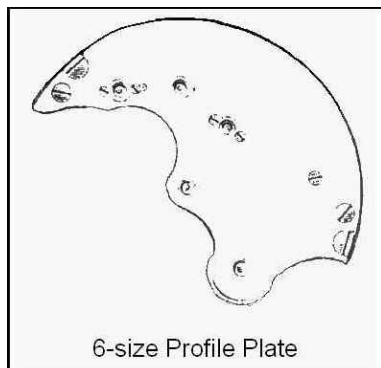
In spite of the sequential assignment of blocks of serial numbers, the production dates of Waltham watch runs are frequently intermixed. Additionally, Waltham did not notate the production shift from a full $\frac{3}{4}$ top plate to a profile plate.^{ai} As a result, the determination of the profile plate's introductory date into the production of the model

In an examination of the production records for serial numbers 2615057 through 4044000 (inclusive)^{az}, mechanism 2933768 represents an important “anchor” point for narrowing the scope of any further analysis. The importance of 2933768 is that it was produced as a full $\frac{3}{4}$ plate mechanism and was a true 6-size.

At this point a presumption must be made. For the coherence of this discussion the physical format of a single mechanism shall be construed as indicative of all the mechanisms of its run. For example, the configuration of serial number 2933768 shall be taken as representative of its entire run (2933001 – 2935000).

The lowest serial number recorded of a model 1873M is 3011214 (illustrated in the Appendix of Examples). Between the appearance of the full $\frac{3}{4}$ plate 2933768 on 02/01/1886 and the appearance of the profile plate 3011214 on 10/01/1886 (below in light blue), there are 6 production runs of 6-size mechanisms. Allowing for date overlap, there are only 3. The earliest, beginning in 04/01/1886, is of particular interest. At this point, the intermixed production dates become a factor for consideration. The lowest serial number does not necessarily represent the earliest production of a particular style.

Begin	End	First	Last	Model	Grade	Size	Plate	Set
2/1/1886	6/30/1886	2933001	2935000	1873-6	Seaside	6	Ladies	
11/1/1886	4/30/1887	3010001	3010500	1873-6	AmWCo	6	3/4 plate	
5/1/1886	2/28/1890	3010501	3010900	1873-6	Ellery	6	3/4 plate	
9/1/1886	11/30/1887	3010901	3011000	1873-6	Special	6		
10/1/1886	5/31/1887	3011001	3011800	1873-6	Royal	6	3/4 plate	
10/1/1886	11/30/1890	3011801	3011900	1873-6	Royal	6	3/4 plate	
8/1/1886	12/31/1887	3011901	3012000	1873-6	Royal	6	3/4 plate	
8/1/1886	6/30/1887	3012001	3014800	1873-6	Royal	6	3/4 plate	
9/1/1886	8/31/1890	3014801	3015000	1873-6	Ellery	6	3/4 plate	
5/1/1886	12/31/1886	3015001	3019000	1873-6	Ellery	6	3/4 plate	
4/1/1886	9/30/1886	3019001	3022000	1873-6	Seaside	6	3/4 plate	



Returning to a broader examination of the production records, it should be noted that subsequent to the run 2933001 - 2935000, no additional production dates of 6-size mechanisms are listed for February 1886. Furthermore, no production dates of 6-size mechanisms are listed for March 1886. The only production run of 6-size mechanisms listed for April 1886 is 3019001 - 3022000. Recently,⁴³ 3 mechanisms (recorded in the Appendix of Examples) from this April run have been found and constitute a solid start date for the introduction of the profile top plate into the production of the model 1873. Consequently, the pictured profile plate can be seen to be in production three years before the first appearance of the model 1889 mechanism. As a result, any claim that this profile plate should be exclusively associated with the model 1889 is totally erroneous.

End Date

The attempt to accurately establish a model's introduction may result in identifying both a lowest serial number range and an earliest production date that are wholly unrelated. So, intermixed production dates are a unique source of confusion. Due to the influence of intermixed production dates there is no real fixed end of production for a specific model.

Date Start	Date End	Serial Start	Serial End	Model	Name	Grade	Size	Plate	Set
06/01/1889	12/31/1889	4044001	4046000	1889	H Seaside Gr	H	6	¾	PS
08/01/1889	01/31/1890	4046001	4047000	1889	Am'n W Co	Am.W.Co.	6	¾	
04/01/1889	09/30/1889	4047001	4049000	1889	J Seaside Gr	J	6	¾	PS
09/01/1889	04/30/1891	4049001	4049100	1889	J Seaside Gr	J	6	¾	PS
09/01/1889	12/31/1889	4049101	4049400	1889	Royal	Royal	6	¾	PS
06/01/1889	09/30/1889	4049401	4050200	1889	Royal	Royal	6	¾	PS
06/01/1889	09/30/1889	4050201	4050500	1889	Am W Co	Am.W.Co.	6	¾	
06/01/1889	10/31/1889	4050501	4051000	1889	Am W Co	Am.W.Co.	6	¾	
• • •									
08/01/1889	02/28/1890	4077001	4078900	1889	H Seaside Gr	H	6	¾	PS
09/01/1889	11/30/1889	4078901	4079000	1889	H Seaside Gr	H	6	¾	PS
06/01/1889	10/31/1889	4079001	4081000	1873-6	E Seaside Gr	E	6	¾	

Rather there is a phase-out which can be identified by the initial introduction of a new model. The phase-out begins when the model being researched (in this case the 1873M) is no longer the sole mechanism representing that size's production. The older model is gradually phased-out by its own evolution into a new model. The confused identification of the model 1873M with the model 1889 underscores this process.

Defining the phase-out of the model 1873M is a matter of identifying the initial introduction of the model 1889. To this end there is some help. Unlike specifically defining the kind of top plate used, Waltham *did* specifically notate the shift from being lever set to being pendant set in the ledger entries of the Record of Watches made by the American Watch Company. An

examination of the production runs^{a4} is quite interesting.



In the database listings below, the items with the gray background are from the manual Serial Numbers with Descriptions of Waltham Watch Movements (a. k. a. the Gray Book) and the other items are from the Record of Watches made by the American Watch Company. The lowest serial number run, 4044001 – 4046000, is referenced to be a model 1889. Furthermore this serial number run is notated as being pendant set. The numerically succeeding run, 4046001 – 4047000 (which began production 2 months later), is also referenced as model 1889 mechanisms and yet the run is not notated as being pendant set.

Start:	6/1/1889	End:	12/31/1889	Start:	8/1/1889	End:	1/31/1890
First:	4044001	Last:	4046000	First:	4046001	Last:	4047000
Model:	1889	Name:	H Seaside Gr	Model:	1889	Name:	Am'n W Co
Material:	U	Grade:	H, NL	Material:	P	Grade:	Am.W.Co., NL
Size:	6	Size:	6	Size:	6	Size:	6
Plate:	3/4	Plate:	SW	Plate:	3/4	Plate:	SW
Jewelling:	4 Holes	Jewels:	11	Jewelling:	4 1/2 Pairs	Jewels:	16
Balance:	Ex	Bal:	Breguet Spring	Balance:	Ex	Bal:	Breguet Spring
Style:	HC	Style:	NL	Style:	HC	Style:	NL
Comment:	SW PS nickel BH new Model			Comment:	SW nickel new Model BH Adj(?)		
Source:	DH	Date:	12/11/2002	Source:	DH	Date:	12/11/2002

Shifting focus to the production run dates, it becomes apparent once again that the effect of the intermixed production dates is experienced. The earliest production run date (run 4047001 – 4049000) is 04/01/1889 – which is a run of mechanisms two serial blocks following the lowest serial number run.

Summary

As a result of examining the data represented by physical examples and of navigating manufacturing particularities, a reasonably accurate production span for the model 1873M can be hypothesized. 04/01/1886 can be used as a beginning date and 04/01/1889 can be employed as an initial phase-out date. As the sole mechanism representing Waltham's 6-size production, the model 1873M enjoyed an output duration of 3 years.

Endnotes

^{a1} Both plate types are recorded in the Record of Watches made by the American Watch Company ledgers as $\frac{3}{4}$.

^{a2} The start point is based upon the initial appearance of the 6-size model 1873 (2615057) while the end point is based upon the initial appearance of the model 1889 (4044001).

^{a3} 04/2014; the serial numbers are 3020244, 3020829 and 3021169.

^{a4} The start point is based upon the initial appearance of the model 1889 (4044001) while the end point (4100000) was randomly chosen and has no significance to this discussion.

Appendix b.: When is a model 1889 not a model 1889?^{[b1](#)}



For persons who are not familiar with the electronic database of [Waltham Serial Numbers](#) the graphics for runs 4044001 – 4046000 and 4046001 – 4047000 in [The Heyday of the model 1873M](#) appendix are from that source. The Gray Book first appeared in May 1930, approximately 40 years after the initial production and phase-out of the 1873M. Accordingly (although not necessarily), the accuracy of the Gray Book's data for older models can be questionable. Waltham intended the Gray Book to be used *only* for ordering parts. However, collectors have caused the Gray Book to be used as something it was never intended to be – an identification reference. As a result, the information that the Gray Book contains can be unintentionally misleading.

The production runs provide an indicator that can feasibly be used to benefit further examination the **SET** notations hint at the mechanisms' difference. Possibly, Blank=Lever Set and PS=Pendant Set. The **SET** notation for serial number run 4046001 – 4047000 is Blank. Both serial numbers 4046147 and 4046690 are from this run and both reflect the model 1873M drive train configuration and are lever set (re. Appendix of Examples). Production runs 4050201 – 4050500 and 4050501 – 4051000 also have **SET** notations that are Blank. However, unlike production run 4046001 – 4047000 (for which physical proof exists) neither of the other runs can be presumed to have 1873M drive configurations. Only physical examination of mechanisms from either run can verify or refute the Gray Book's information.

Endnotes

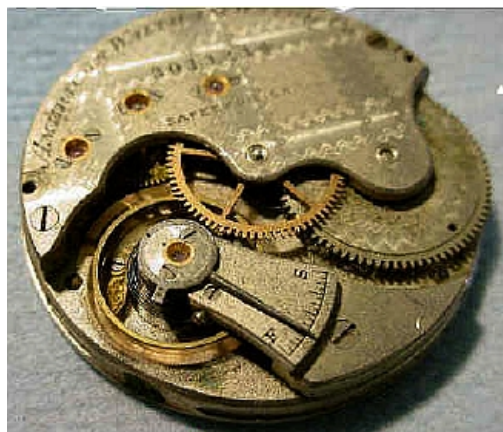
^{[b1](#)} The 24 year gap between Waltham's issuance of the 1885 and the 1909 Materials catalogues only serves to provide additional distortion to the explanation of the model 1889 reference. At the initial time of this writing (October 2009), rumors of catalogues issued during the 1890s and in 1903 remain unsubstantiated. If they have been issued, however, it is questionable if they will have much impact upon this research as they may use the same notation as is found in the 1885 edition.

Appendix c.: Examples



On the following pages, photographs of the 1873M mechanisms are presented with their corresponding electronic database entries. Thanks are due to individual pocket watch collectors and vendors of eBay© who have contributed to the immense growth of this appendix.

<i>S/N</i>	<i>Run</i>	<i>S - Date</i>	<i>E - Date</i>	<i>Ref. Model</i>	<i>Name</i>	<i>Grade</i>	<i>Jewelling</i>	<i>Material</i>
3011214	3011001-3011800	10/01/86	05/31/87	1873-6	Royal Gr. Am. W. Co.	Special	4 pairs (16)	P
3011358	3011001-3011800	10/01/86	05/31/87	1873-6	Royal Gr. Am. W. Co.	Special	4 pairs (16)	P
3012383	3012001-3014800	08/01/86	06/30/87	1873-6	AWCo, Royal Special	Wm. E.	3 pairs (13)	U
3012429	3012001-3014800	08/01/86	06/30/87	1873-6	AWCo, Royal Special	Wm. E.	3 pairs (13)	U
3014366	3012001-3014800	08/01/86	06/30/87	1873-6	AWCo, Royal Special	Wm. E.	3 pairs (13)	U
3016709	3015001-3019000	05/01/86	12/31/86	1873-6	AWCo, Wm. Ellery	Wm. E.	3 pairs (13)	U
3020244	3019001-3022000	04/01/86	09/30/86	1873-6	AWCo. Seaside	Seaside	Plain (7)	U
3020829	3019001-3022000	04/01/86	09/30/86	1873-6	AWCo. Seaside	Seaside	Plain (7)	U
3021169	3019001-3022000	04/01/86	09/30/86	1873-6	AWCo. Seaside	Seaside	Plain (7)	U
3130084	3130001-3132000	02/02/87	08/31/87	1873-6	Wm. Ellery Gr AWW Gr	A.W.W Co.	3 pairs (13)	A
3130248	3130001-3132000	02/02/87	08/31/87	1873-6	Wm. Ellery Gr AWW Gr	A.W.W Co.	3 pairs (13)	A
3164570	3164001-3170000	11/01/86	05/31/87	1873-6	E Seaside Gr	E	Plain (7)	U
3168665	3164001-3170000	11/01/86	05/31/87	1873-6	E Seaside Gr	E	Plain (7)	U
3197129	3196001-3198000	12/01/86	02/28/87	1873-6	E Seaside Gr	Seaside	Plain (7-13)	U
3225009	3225001-3227000	05/01/87	09/30/87	1873-6	D Seaside Gr	Seaside	4 holes (7-11)	U
3225539	3225001-3227000	05/01/87	09/30/87	1873-6	D Seaside Gr	Seaside	4 holes (7-11)	U
3230758	3227001-3232500	01/01/87	05/31/87	1873-6	E Seaside Gr	Seaside	Plain (7-11)	U
3262823	3261001-3263000	02/01/87	06/30/87	1873-6	E Seaside Gr	Seaside	Plain (7-11)	U
3285252	3284001-3289500	03/01/87	08/31/87	1873-6	C Seaside	Seaside	Plain (7-9)	U
3289077	3284001-3289500	03/01/87	08/31/87	1873-6	C Seaside	Seaside	Plain (7-9)	U
3289155	3284001-3289500	03/01/87	08/31/87	1873-6	C Seaside	Seaside	Plain (7-9)	U
3290207	3289501-3291000	06/01/87	11/30/88	1873-6	F Seaside	Seaside	2 holes (7-9)	U
3344189	3341001-3345000	05/01/87	09/30/87	1873-6	E Seaside	E	Plain (7)	U
3410190	3410001-3411000	09/01/87	01/31/88	1873-6	F Seaside Gr	Seaside	2 holes (7-13)	U
3440132	3438501-3442000	09/01/87	12/31/87	1873-6	E Seaside Gr	Special	Plain (7-11)	U
3443264	3442001-3443500	10/01/87	01/31/88	1873-6	F Seaside Gr	Special	2 holes (7-11)	U
3463879	3462001-3470000	10/01/87	03/31/88	1884-Q	E Seaside Gr	Seaside	Plain (7-11)	U
3468386	3462001-3470000	10/01/87	03/31/88	1884-Q	E Seaside Gr	Seaside	Plain (7-11)	U
3469865	3462001-3470000	10/01/87	03/31/88	1884-Q	E Seaside Gr	Seaside	Plain (7-11)	U
3500693	3497001-3503000	12/01/87	09/30/88	1873-6	E Seaside Gr	Seaside	Plain (7-13)	U
3502668	3497001-3503000	12/01/87	09/30/88	1873-6	E Seaside Gr	Seaside	Plain (7-13)	U
3503879	3503001-3505000	02/01/88	05/31/88	1873-6	F Seaside Gr	Seaside	2 holes (7-13)	U
3504948	3503001-3505000	02/01/88	05/31/88	1873-6	F Seaside Gr	Seaside	2 holes (7-13)	U
3547504	3543501-3549000	01/01/88	05/31/88	1873-6	E Seaside Gr	E	Plain (7)	U
3547732	3543501-3549000	01/01/88	05/31/88	1873-6	E Seaside Gr	E	Plain (7)	U
3614551	3613001-3618000	03/01/88	10/31/88	1873-6	E Seaside Gr	E	Plain (7)	U
3647851	3646501-3648000	04/01/88	08/31/88	1873-6	AWW Co E Seaside	E	Plain (7)	U
3683921	3683501-3685000	06/01/88	09/30/88	1873-6	AWW Co E Seaside	E	Plain (7)	U
3712122	3712001-3717000	08/01/88	03/31/89	1873-6	E Seaside	E	Plain (7)	U
3748233	3748001-3750000	09/01/88	11/30/88	1884-Q	EAWWCo	Seaside	Plain (7)	U
3748308	3748001-3750000	09/01/88	11/30/88	1884-Q	EAWWCo	Seaside	Plain (7)	U
3784933	3783001-3787000	09/01/88	12/31/88	1873-6	E Seaside	E	Plain (7)	U
3787523	3787001-3788000	10/01/88	12/31/88	1873-6	EAWWCo	E	Plain (7)	U
3868718	3865001-3870000	12/01/88	05/31/89	1873-6	E Seaside	E	Plain (7)	U
3869982	3865001-3870000	12/01/88	05/31/89	1873-6	E Seaside	E	Plain (7)	U
3900569	3899001-3903800	01/01/89	05/31/89	1873-6	E Seaside	Seaside	Plain (7)	U
4006494	4006001-4008000	03/01/89	07/31/89	1873-6	E Seaside Gr	E Seaside	Plain (7)	U
4006914	4006001-4008000	03/01/89	07/31/89	1873-6	E Seaside Gr	E Seaside	Plain (7)	U
4046147	4046001-4047000	08/01/89	01/31/90	1889	Am'n W Co	Am W Co	4½ pairs (16)	P
4046690	4046001-4047000	08/01/89	01/31/90	1889	Am'n W Co	Am W Co	4½ pairs (16)	P



↑ 3011214

Start:	10/1/1886	End:	5/31/1887
First:	3011001	Last:	3011800
Model:	1873-6	Name:	Royal Gr Am W Co
Material:	P	Grade:	Special, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	4 Pairs	Jewels:	16
Balance:		Bal:	Breguet Spring
Style:	HC	Style:	NL
Comment:	SW BH EX nickel		
Source:	AD	Date:	1/3/2003

Start:	10/1/1886	End:	5/31/1887
First:	3011001	Last:	3011800
Model:	1873-6	Name:	Royal Gr Am W Co
Material:	P	Grade:	Special, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	4 Pairs	Jewels:	16
Balance:		Bal:	Breguet Spring
Style:	HC	Style:	NL
Comment:	SW BH EX nickel		
Source:	AD	Date:	1/3/2003



3011358 ↑



3012383 ↑

Start:	8/1/1886	End:	6/30/1887
First:	3012001	Last:	3014800
Model:	1873-6	Name:	AWCo Royal Special
Material:	U	Grade:	Wm.E., NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	3 Pairs	Jewels:	13
Balance:		Bal:	0
Style:	HC	Style:	NL
Comment:	SW EX nickel		
Source:	AD	Date:	1/3/2003

Start:	8/1/1886	End:	6/30/1887
First:	3012001	Last:	3014800
Model:	1873-6	Name:	AWCo Royal Special
Material:	U	Grade:	Wm.E., NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	3 Pairs	Jewels:	13
Balance:		Bal:	0
Style:	HC	Style:	NL
Comment:	SW EX nickel		
Source:	AD	Date:	1/3/2003



↑ 3012429



↑ 3014366

Start:	8/1/1886	End:	6/30/1887
First:	3012001	Last:	3014800
Model:	1873-6	Name:	AWCo Royal Special
Material:	U	Grade:	Wm.E., NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	3 Pairs	Jewels:	13
Balance:		Bal:	0
Style:	HC	Style:	NL
Comment:	SW EX nickel		
Source:	AD	Date:	1/3/2003

Start:	5/1/1886	End:	12/31/1886
First:	3015001	Last:	3019000
Model:	1873-6	Name:	AWCo Wm Ellery
Material:	U	Grade:	Wm.E., NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	3 Pairs	Jewels:	13
Balance:		Bal:	0
Style:	HC	Style:	NL
Comment:	SW EX		
Source:	AD	Date:	1/3/2003



↑ 3016709



3020244 ↑

Start:	4/1/1886	End:	9/30/1886
First:	3019001	Last:	3022000
Model:	1873-6	Name:	AWCo Seaside
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	Plain	Jewels:	7
Balance:		Bal:	0
Style:	HC	Style:	NL
Comment:	SW EX		
Source:	AD	Date:	1/3/2003

Start:	4/1/1886	End:	9/30/1886
First:	3019001	Last:	3022000
Model:	1873-6	Name:	AWCo Seaside
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	Plain	Jewels:	7
Balance:		Bal:	0
Style:	HC	Style:	NL
Comment:	SW EX		
Source:	AD	Date:	1/3/2003



3020829 ↑



3021169 ↑

Start:	4/1/1886	End:	9/30/1886
First:	3019001	Last:	3022000
Model:	1873-6	Name:	AWCo Seaside
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	Plain	Jewels:	7
Balance:		Bal:	0
Style:	HC	Style:	NL
Comment:	SW EX		
Source:	AD	Date:	1/3/2003

Start:	2/1/1887	End:	8/31/1887
First:	3130001	Last:	3132000
Model:	1873-6	Name:	Wm Ellery Gr A W W Gr
Material:	A	Grade:	A.W.W.Co., NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	3 Pairs	Jewels:	13
Balance:	Exp.	Bal:	0
Style:	HC	Style:	NL
Comment:	SW BH		
Source:	AD	Date:	1/3/2003



3130084 ↑



3130248 ↑

Start:	2/1/1887	End:	8/31/1887
First:	3130001	Last:	3132000
Model:	1873-6	Name:	Wm Ellery Gr A W W Gr
Material:	A	Grade:	A.W.W.Co., NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	3 Pairs	Jewels:	13
Balance:	Exp.	Bal:	0
Style:	HC	Style:	NL
Comment:	SW BH		
Source:	AD	Date:	1/3/2003

Start:	11/1/1886	End:	5/31/1887
First:	3164001	Last:	3170000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	Plain	Jewels:	7
Balance:		Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	AD	Date:	1/3/2003



3164570 ↑



3168665 ↑

Start:	11/1/1886	End:	5/31/1887
First:	3164001	Last:	3170000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	Plain	Jewels:	7
Balance:		Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	AD	Date:	1/3/2003

Start:	12/1/1886	End:	2/28/1887
First:	3196001	Last:	3198000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	NL
Jewelling:	Plain	Jewels:	7-13
Balance:		Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	AD	Date:	1/3/2003



3197129 ↑



3225009 ↑

Start:	5/1/1887	End:	9/30/1887
First:	3225001	Last:	3227000
Model:	1873-6	Name:	D Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	NL
Jewelling:	4 Holes	Jewels:	7-11
Balance:	Exp.	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	AD	Date:	1/3/2003

Start:	5/1/1887	End:	9/30/1887
First:	3225001	Last:	3227000
Model:	1873-6	Name:	D Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	NL
Jewelling:	4 Holes	Jewels:	7-11
Balance:	Exp.	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	AD	Date:	1/3/2003



3225539 ↑



3230758 ↑

Start:	1/1/1887	End:	5/31/1887
First:	3227001	Last:	3232500
Model:	1873-6	Name:	E Seaside GR
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	NL
Jewelling:	Plain	Jewels:	7-11
Balance:	Exp.	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	AD	Date:	1/3/2003

Start:	2/1/1887	End:	6/30/1887
First:	3261001	Last:	3263000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	Plain	Jewels:	7-11
Balance:	Exp.	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	AD	Date:	1/3/2003



3262823 ↑



3285252 ↑

Start:	3/1/1887	End:	8/31/1887
First:	3284001	Last:	3289500
Model:	1873-6	Name:	C Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	Plain	Jewels:	7-9
Balance:	Exp.	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	AD	Date:	1/3/2003

Start:	3/1/1887	End:	8/31/1887
First:	3284001	Last:	3289500
Model:	1873-6	Name:	C Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	Plain	Jewels:	7-9
Balance:	Exp.	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	AD	Date:	1/3/2003



3289077 ↑



3289155 ↑

Start:	3/1/1887	End:	8/31/1887
First:	3284001	Last:	3289500
Model:	1873-6	Name:	C Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	Plain	Jewels:	7-9
Balance:	Exp.	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	AD	Date:	1/3/2003

Start:	6/1/1887	End:	11/30/1888
First:	3289501	Last:	3291000
Model:	1873-6	Name:	F Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	3/4
Jewelling:	2 Holes	Jewels:	7-9
Balance:	Exp.	Bal:	0
Style:	HC	Style:	NL
Comment:	SW nickel		
Source:	AD	Date:	1/3/2003



3290207 ↑



3344189 ↑

Start:	5/1/1887	End:	9/30/1887
First:	3341001	Last:	3345000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Exp.	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	AD	Date:	1/3/2003

Start:	9/1/1887	End:	1/31/1888
First:	3410001	Last:	3411000
Model:	1873-6	Name:	F Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	2 Holes	Jewels:	7-13
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW nickel		
Source:	TG	Date:	12/3/2002



3410190 ↑



3440132 ↑

Start:	9/1/1887	End:	12/31/1887
First:	3438501	Last:	3442000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	Special, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7-11
Balance:	Ex	Bal:	0
Style:	OF	Style:	NL
Comment:	SW OF		
Source:	TG	Date:	12/3/2002

Start:	10/1/1887	End:	1/31/1888
First:	3442001	Last:	3443500
Model:	1873-6	Name:	F Seaside Gr
Material:	U	Grade:	Special, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	2 Holes	Jewels:	7-11
Balance:	Ex	Bal:	0
Style:	OF	Style:	NL
Comment:	SW nickel OF		
Source:	TG	Date:	12/3/2002



3443264 ↑



3463879 ↑

Start:	10/1/1887	End:	3/31/1888
First:	3462001	Last:	3470000
Model:	1884-Q	Name:	E Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7-11
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	TG	Date:	12/3/2002

Start:	10/1/1887	End:	3/31/1888
First:	3462001	Last:	3470000
Model:	1884-Q	Name:	E Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7-11
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	TG	Date:	12/3/2002



3468386 ↑



3469865 ↑

Start:	10/1/1887	End:	3/31/1888
First:	3462001	Last:	3470000
Model:	1884-Q	Name:	E Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7-11
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	TG	Date:	12/3/2002

Start:	12/1/1887	End:	9/30/1888
First:	3497001	Last:	3503000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7-13
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	TG	Date:	12/3/2002



3500693 ↑



3502668 ↑

Start:	12/1/1887	End:	9/30/1888
First:	3497001	Last:	3503000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7-13
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	TG	Date:	12/3/2002

Start:	2/1/1888	End:	5/31/1888
First:	3503001	Last:	3505000
Model:	1873-6	Name:	F Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	2 Holes	Jewels:	7-13
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW nickel		
Source:	TG	Date:	12/3/2002



3503879 ↑



3504948 ↑

Start:	2/1/1888	End:	5/31/1888
First:	3503001	Last:	3505000
Model:	1873-6	Name:	F Seaside Gr
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	2 Holes	Jewels:	7-13
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW nickel		
Source:	TG	Date:	12/3/2002

Start:	1/1/1888	End:	5/31/1888
First:	3543501	Last:	3549000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	TG	Date:	12/3/2002



3547504 ↑



3547732 ↑

Start:	1/1/1888	End:	5/31/1888
First:	3543501	Last:	3549000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	TG	Date:	12/3/2002

Start:	3/1/1888	End:	10/31/1888
First:	3613001	Last:	3618000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	TG	Date:	12/3/2002



3614551 ↑



3647851 ↑

Start:	4/1/1888	End:	8/31/1888
First:	3646501	Last:	3648000
Model:	1873-6	Name:	AWW Co E Seaside
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW Star & Crest		
Source:	TG	Date:	12/3/2002

Start:	6/1/1888	End:	9/30/1888
First:	3683501	Last:	3685000
Model:	1873-6	Name:	AWW Co E Seaside
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW Star & Crest		
Source:	TG	Date:	12/3/2002



3683921 ↑



3712122 ↑

Start:	8/1/1888	End:	3/31/1889
First:	3712001	Last:	3717000
Model:	1873-6	Name:	E Seaside
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Expansion OF SW PS	Bal:	0
Style:	HC	Style:	NL
Comment:			
Source:	BMW	Date:	12/11/2002

Start:	9/1/1888	End:	11/30/1888
First:	3748001	Last:	3750000
Model:	1884-Q	Name:	EAWWCo
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	14
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Expansion Htg PS	Bal:	0
Style:	HC	Style:	NL
Comment:			
Source:	BMW	Date:	12/11/2002



3748233 ↑



3748308 ↑

Start:	9/1/1888	End:	11/30/1888
First:	3748001	Last:	3750000
Model:	1884-Q	Name:	EAWWCo
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	14
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Expansion Htg PS	Bal:	0
Style:	HC	Style:	NL
Comment:			
Source:	BMW	Date:	12/11/2002

Start:	9/1/1888	End:	12/31/1888
First:	3783001	Last:	3787000
Model:	1873-6	Name:	E Seaside
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Expansion OF	Bal:	0
Style:	HC	Style:	NL
Comment:			
Source:	BMW	Date:	12/11/2002



3784933 ↑



3787523↑

Start:	10/1/1888	End:	12/31/1888
First:	3787001	Last:	3788000
Model:	1873-6	Name:	EAWWCo
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Expansion OF Star & Cres	Bal:	0
Style:	HC	Style:	NL
Comment:			
Source:	BMW	Date:	12/11/2002

Start:	12/1/1888	End:	5/31/1889
First:	3865001	Last:	3870000
Model:	1873-6	Name:	E Seaside
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Expansion Htg SW	Bal:	0
Style:	HC	Style:	NL
Comment:			
Source:	BMW	Date:	12/11/2002



3868718↑



3869982↑

Start:	12/1/1888	End:	5/31/1889
First:	3865001	Last:	3870000
Model:	1873-6	Name:	E Seaside
Material:	U	Grade:	E, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Expansion Htg SW	Bal:	0
Style:	HC	Style:	NL
Comment:			
Source:	BMW	Date:	12/11/2002

Start:	1/1/1889	End:	5/31/1889
First:	3899001	Last:	3903800
Model:	1873-6	Name:	E Seaside
Material:	U	Grade:	Seaside, NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Expansion OF SW	Bal:	0
Style:	HC	Style:	NL
Comment:			
Source:	BMW	Date:	12/11/2002



3900569 ↑



4006494 ↑

Start:	3/1/1889	End:	7/31/1889
First:	4006001	Last:	4008000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	E, Seaside
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	DH	Date:	12/28/2002

Start:	3/1/1889	End:	7/31/1889
First:	4006001	Last:	4008000
Model:	1873-6	Name:	E Seaside Gr
Material:	U	Grade:	E, Seaside
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	Plain	Jewels:	7
Balance:	Ex	Bal:	0
Style:	HC	Style:	NL
Comment:	SW		
Source:	DH	Date:	12/28/2002



4006914 ↑

Start:	8/1/1889	End:	1/31/1890
First:	4046001	Last:	4047000
Model:	1889	Name:	Am'n W Co
Material:	P	Grade:	Am.W.Co., NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	4 1/2 Pairs	Jewels:	16
Balance:	Ex	Bal:	Breguet Spring
Style:	HC	Style:	NL
Comment:	SW nickel new Model BH Adj(?)		
Source:	DH	Date:	12/11/2002



4046147 ↑



4046690 ↑

Start:	8/1/1889	End:	1/31/1890
First:	4046001	Last:	4047000
Model:	1889	Name:	Am'n W Co
Material:	P	Grade:	Am.W.Co., NL
Size:	6	Size:	6
Plate:	3/4	Plate:	SW
Jewelling:	4 1/2 Pairs	Jewels:	16
Balance:	Ex	Bal:	Breguet Spring
Style:	HC	Style:	NL
Comment:	SW nickel new Model BH Adj(?)		
Source:	DH	Date:	12/11/2002